

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

Claims 1-10 (Cancelled)

Claim 11 (Currently Amended): A method for the mechanical working of metals and alloys which comprises conducting the mechanical working performed in the presence of an aqueous cooling lubricant having a pH of 6-10 and containing a phosphate ester of the formula

$R_1(\text{oxyalkylene})_n\text{OP(O)(X)(OH)}$ (I), or

$(\text{HO})_2\text{O}\text{P-(oxyalkylene)}_m\text{-OP(O)(OH)}_2$ (II),

where R_1 is an alkyl group with 1-12 carbon atoms, oxyalkylene is a group containing 2-4 carbon atoms, n is a number from 1-20, X is hydroxyl, $R_1\text{O}$ or $R_1(\text{oxyalkylene})_n\text{O}$, where R_1 , oxyalkylene and n have the meanings mentioned above, and m is a number from 4-40, or a salt thereof, and an alkenyl substituted succinic acid of the formula

$\text{HOOCCH}(R_2)\text{CH}_2\text{COOH}$ (III),

where R_2 is an alkenyl group with 4-10 carbon atoms, or a salt thereof, or a mixture of any of the compounds I, II and III.

Claim 12 (Currently Amended): The method ~~Method~~ according to claim 11 wherein R₁ in formula I contains 2-8 carbon atoms, the group (oxyalkylene)_n contains at least partially oxypropylene units and n is a number from 4-15.

Claim 13 (Currently Amended): The method ~~Method~~ according to claim 12 wherein the phosphate ester of formula I is n-butyl-(OC₃H₆)₁₀OPO₃H₂.

Claim 14 (Currently Amended): The method ~~Method~~ according to claim 112, wherein the phosphate ester of formula II is
(HO)₂(O)P-(oxypropylene)₈₋₁₅OP(O)(OH)₂.

Claim 15 (Currently Amended): The method ~~Method~~ according to claim 11, wherein R₂ in formula III is selected from the group consisting of octenyl, decenyl, diisobut enyl and or tripropenyl.

Claim 16 (Currently Amended): The method ~~Method~~ according to claim 15 wherein the phosphate ester has the formula I, in which R₁ contains 2-8 carbon atoms, the group(oxyalkylene)_n contains at least partially oxypropylene units and n is a number from 5-15.

Claim 17 (Currently Amended): The method ~~Method~~ according to claim 15 wherein the phosphate ester is



Claim 18 (Currently Amended): The method Method according to claim 11 wherein the total amount of compounds I and II is from 0,2 0.2 to 5% by weight and the amount of compound III is from 0,2 0.2 to 5% by weight.

Claim 19 (Currently Amended): The method Method according to claim 16 wherein the total amount of compounds I and II is from 0,4 0.4 to 3% by weight and the amount of compound III is from 0,4 to 3% by weight.

Claim 20 (Currently Amended): A concentrate, comprising
~~Anionic compounds I, II and III as defined in claim 11 in of the formula~~
 $R_1(\text{oxyalkylene})_n\text{OP(O)(X)(OH)}$ (I), or
 $(\text{HO})_2\text{O}\text{P-(oxyalkylene)}_m\text{-OP(O)(OH)}_2$ (II),
where R_1 is an alkyl group with 1-12 carbon atoms, oxyalkylene is a group
containing 2-4 carbon atoms, n is a number from 1-20, X is hydroxyl, $R_1\text{O}$ or
 $R_1(\text{oxyalkylene})_n\text{O}$, where R_1 , oxyalkylene and n have the meanings mentioned
above, and m is a number from 4-40, or a salt thereof, and an alkenyl
substituted succinic acid of the formula

$\text{HOOCCH}(R_2)\text{CH}_2\text{COOH}$ (III),

where R_2 is an alkenyl group with 4-10 carbon atoms, or a salt thereof, or a mixture of any of the compounds I, II and III, which are present in a ~~an~~ total amount of 20-95% by weight and further containing additional corrosion inhibitors in an amount of 0-30% by weight, additional lubricants in an

amount of 0-30% by weight, water in an amount 5-80% by weight, and other ingredients in an amount of 0-30% by weight, the weight ration between the compounds I and/or II and compound II being from 1:15 to 15:1.

Claim 21 (Currently Amended): The concentrate Concentrate according to claim 20 comprising wherein the anionic compounds I and II and II are present in an a total amount of 50-90% by weight and further containing the additional corrosion inhibitors in an amount of 0-15% by weight, the additional lubricants in an amount of 0.15% by weight, water in an amount of 10-50% by weight, the other ingredients in an amount amounts of 0-15%, the weight ration between the compounds I and/or II and compound III being from 1:5 to 5:1.

Claim 22 (Currently Amended): The concentrate Concentrate according to claim 21 wherein the total amount of the additional corrosion inhibitors, the additional lubricants and the other ingredients is from 5 to 40% by weight.